1328

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. YOR920030596US1

Total Pages in this Submission

PTO

### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

Alexandria, VA 22313-1450					
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for	r an				
invention entitled:  PHASE-CHANGE MEMORY CELL AND METHOD OF FABRICATING THE PHASE-CHANGE MEMORY CELL	U.S. PTO 766936				
and invented by:	0/1				
Jonathan Zanhong Sun Simone Raoux Hemantha Wickramasinghe Assignee: International Business Machines Corporation Assignee Residence: Armonk, New York	22%				
If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:					
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:					
Which is a:					
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:					
Which is a:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:					
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:					
Enclosed are:  Application Elements					
1. 🗵 Filing fee as calculated and transmitted as described below					
2. Specification having pages and including the following:					
a. 🗵 Descriptive Title of the Invention					
b.   Cross References to Related Applications (if applicable)					
c.   Statement Regarding Federally-sponsored Research/Development (if applicable)					
d.   Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix					
e. 🗵 Background of the Invention					
f. 🛭 Brief Summary of the Invention	-				
g. 🛭 Brief Description of the Drawings (if filed)					
h. 🗵 Detailed Description					
i. 🛛 Claim(s) as Classified Below					
j. 🛛 Abstract of the Disclosure					

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### **Application Elements (Continued)**

٥.		Drawing(s) (when necessary as prescribed by 35 USC 113)										
	a.	⊠ Fo	rmal	Numb	er of Sheets	8 Sł	neets (Figs. 1-8)	_				
	b.	☐ Info	ormal	Numb	er of Sheets			_				
4.	$\boxtimes$	Oath or Declaration										
	a.	☑ Ne	☑ Newly executed (original or copy) ☐ Unexecuted									
	b.	☐ Co	Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)									
	C.	<b>⊠</b> Wi	With Power of Attorney   Without Power of Attorney									
	d.	Sig	ned staten	F INVENTO nent attached 1.63(d)(2) a	d deleting inve	ntor(s) r	named in the prior	application,				
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.										
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)										
7.		Application Data Sheet (See 37 CFR 1.76)										
8.		Nucleot	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)									
	a.	☐ Computer Readable Form (CRF)										
	b.	☐ Sp	Specification Sequence Listing on:									
		i. CD-ROM or CD-R (2 copies); or										
		ii.	ii. 🔲 Paper									
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy										
				Α	ccompanying	g Applic	ation Parts					
9.		Assignment Papers (cover sheet & document(s))										
10.		37 CFR 3.73(B) Statement (when there is an assignee)										
11.		English Translation Document (if applicable)										
12.	$\boxtimes$	Information Disclosure Statement/PTO-1449   Copies of IDS Citations										
13.		Preliminary Amendment										
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)										
15.		Certified	Copy of P	riority Docun	nent(s) (if fore	ign prior	ity is claimed)					
16.		Certifica	ite of Mailin	ng								
		☐ Fire	st Class 1	☐ Express	Mail (Specify	Label N	lo.):					

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	Accompanying Application Parts (Continued)
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.
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#### **Fee Calculation and Transmittal**

#### **CLAIMS AS FILED** For #Filed #Allowed #Extra Rate Fee **Total Claims** 24 - 20 = х \$18.00 \$72.00 2 Indep. Claims - 3 = 0 \$86.00 \$0.00 Multiple Dependent Claims (check if applicable) \$0.00 **BASIC FEE** \$770.00 OTHER FEE (specify purpose) \$0.00 TOTAL FILING FEE \$842.00 ☐ A check in the amount of to cover the filing fee is enclosed. ☑ The Director is hereby authorized to charge and credit Deposit Account No. 50-0510 as described below. Charge the amount of \$842.00 as filing fee. Credit any overpayment. ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). Signature Dated: January 30, 2004 Phillip E. Miller, Esq. Registration N . 46,060

CC:

Customer No. 21254